

Listing of Claims:

1. (currently amended) A system for producing a document comprising:
a repository for storing marked-up documents ~~in a marked-up form~~, each marked-up document having been obtained by marking up an unmarked-up document according to one or more mark-up schemas, and each marked-up document comprising explicit structural information corresponding to implicit structural information contained in said unmarked-up document;
a document format store for storing formats; and
a document production processor for generating a user-requested document from a user-requested one of said marked-up documents using a user-selected one of said formats, said generated user-requested document containing said implicit structural information,
wherein the document production processor comprises a format tester for assisting the user to select one of said formats.
2. (currently amended) The system of claim 1, wherein ~~each~~ at least one of said user-requested marked-up schema documents includes a plurality of minor structural mark-up elements that contain text, and said document production processor includes each said ~~which must flow~~ minor structural mark-up element in said generated user-requested document.
3. (currently amended) The system of claim 2, wherein said minor structural mark-up elements include one or more of words, characters, ~~paragraphs, numbered paragraphs or lines,~~ and special paragraphs.
4. (currently amended) The system of claim 1, wherein each of said stored formats includes a set of rules having parameters capable of user replacement.
5. (currently amended) The system of claim 4, wherein said parameters are applied by the document production processor to generate the user-requested document with any one or more of: variable paragraph or word shapes, variable paragraph spacing, variable character height, variable character width, variable font ~~color~~ color, variable background ~~color~~ color,

use of ~~colour~~color for differing classes of words, variable character density, variable margin sizes, use of optically corrected font, use of shaded font, variable line length, variable line spacing, use of separators between lines of text and use of patterns in characters or words.

6. (currently amended) The system of any one of the preceding claims, wherein said marked-up documents ~~and said formats~~ are in the form of XML files, and said production processor;

creates an ~~XML:FO~~XSL:FO style sheet from ~~said an~~ XML format file defining said user-selected format,

creates an ~~XML:FO~~XSL:FO file from ~~said XML document~~ the user-requested marked-up document and said XSL:FO style sheet, and

generates ~~an output file~~ said user-requested document from said ~~XML:FO~~XSL:FO file representing said user-requested document.

7. (currently amended) A method of producing a document comprising the steps of:
marking-up an unmarked-up document according to a schema, the marked-up document having explicit structural information corresponding to implicit structural information contained in said unmarked-up document;

assisting a user to select one of a plurality of stored formats;

receiving a user selection of one of ~~[[a]]~~said plurality of stored formats over an electronic network; and

generating a user-requested document in electronic form from said marked-up document using said user-selected format, said generated user-requested document containing said implicit structural information.

8. (currently amended) The method of claim 7, wherein ~~[[each]]~~ said schema marked-up document includes a plurality of minor structural mark-up elements that contain text, and said document production processor includes each said minor structural mark-up element ~~which must flow in~~ said generated user-requested document.

9. (currently amended) The method of claim 8, wherein said minor structural mark-up elements include one or more of words, characters, ~~paragraphs, numbered paragraphs or lines, and~~ special paragraphs.

10. (previously presented) The method of claim 7, wherein said user-selected format includes a set of rules having parameters capable of user replacement.

11. (currently amended) The method of claim 10, wherein said parameters are applied to generate the user-requested document with any one or more of: variable paragraph or word shapes, variable paragraph spacing, variable character height, variable character width, variable font ~~colour~~color, variable background ~~colour~~color, use of ~~colour~~color for differing classes of words, variable character density, variable margin sizes, use of optically corrected font, use of shaded font, variable line length, variable line spacing, use of separators between lines of text and use of patterns in characters or words.

12. (currently amended) The method of any one of claims 7 to 11, wherein said marked-up documents and said formats are in the form of XML files, and said generating step includes:

creating an ~~XML:FO~~XSL:FO style sheet from ~~[[said]]~~an XML format file defining said user-selected format,

creating an ~~XML:FO~~XSL:FO file from ~~said XML document~~the marked-up document and said XSL:FO style sheet, and

generating ~~an output file~~said user-requested document from said ~~XML:FO~~XSL:FO file ~~representing said user-requested document.~~

13. (currently amended) A system for producing and distributing a document comprising:

a server site including:

a repository for storing marked-up documents ~~in a marked-up form~~, each marked-up document having been obtained by marking up an unmarked-up document according to one or more mark-up schemas, and each marked-up document comprising

explicit structural information corresponding to implicit structural information contained in said unmarked-up document,

a document format store for storing formats; and

a document production processor for generating a user-requested document from a user-requested one of said marked-up documents using a user-selected one of said formats, the generated user-requested document containing said implicit structural information, the document production processor comprising a format tester for assisting the user to select one of said formats;

a network to which said server site is in communication; and

a printing site to which said user-requested document is sent via said network to be printed.

14. (previously presented) The system of claim 13, wherein said printing site coincides with said user.

15. (currently amended) A method for producing and distributing documents comprising the steps of:

marking-up unmarked-up documents according to a schema, each marked-up document having explicit structural information corresponding to implicit structural information contained in a corresponding one of said unmarked-up documents;

assisting a user to select one of a plurality of stored formats;

receiving a customer order from a customer for a said marked-up document over an electronic network, said customer order including formatting information corresponding to said user-selected format;

generating a customer-requested formatted document in electronic form from said marked-up document using said formatting information, the generated customer-requested formatted document containing said implicit structural information; and

transmitting said generated customer-requested formatted document over said electronic network.

16. (previously presented) The method of claim 15, wherein said transmitted document is received by said customer.

17. (previously presented) The method of claim 15, wherein said transmitted document is received by a printing site that prints said transmitted document for forwarding to said customer.

18. (previously presented) The method of claim 17, wherein said customer order specifies a printing site being closest geographically to said customer.

19. (previously presented) The method of claim 17, wherein said customer order includes said customer's geographical location, and the method includes the further step of choosing a printing site that is geographically closest to said customer.

20. (previously presented) The method of claim 17, wherein said customer order includes the price the customer is willing to pay, and the method includes the further step of choosing a printing site that offers a production and transport cost that meets the price.

21. (previously presented) The method of claim 17, wherein said customer order includes the length of time that the customer is willing to wait for the document, and the method further includes the step of choosing a printing site that can produce and transport the document to the customer to meet that wait time.

Claims 22-29 (cancelled).

30. (currently amended) The system of claim 1, wherein each of said stored formats includes a set of rules having user-specified parameters.

31. (currently amended) The method of claim 7, wherein each of said ~~user-selected format~~ plurality of stored formats includes a set of rules having user-specified parameters.

32. (currently amended) A method of producing a document comprising the steps of:
marking-up an unmarked-up document according to a schema, the marked-up document having explicit structural information corresponding to implicit structural information contained in said unmarked-up document;

assisting a user to select one of a plurality of stored formats;

receiving a user selection of one of ~~the~~ said plurality of stored formats over an electronic network; and

generating, by a document production processor, a user-requested document in electronic form from said marked-up document using said user-selected format, said generated user-requested electronic document containing said implicit structural information,

wherein said user-selected format includes a set of rules having parameters capable of user replacement.

33. (New) The system of claim 1, wherein the document production processor enables the user to specify one or more parameters of the stored formats.

34. (New) The system of claim 33, wherein the document production processor comprises a format builder for enabling the user to specify one or more parameters of the user-selected format.

35. (New) The system of claim 1, wherein the format tester comprises rules that are based on knowledge of reading disabilities and formats that assist those reading disabilities.

36. (New) A system for producing a document comprising:

a repository for storing marked-up documents, each marked-up document having been obtained by marking up an unmarked-up document according to one or more mark-up schemas, and each marked-up document comprising explicit structural information corresponding to implicit structural information contained in said unmarked-up document;

a document format store for storing formats; and

a document production processor for generating a user-requested document from a user-requested one of said marked-up documents using a user-selected one of said stored formats, said generated user-requested document containing said implicit structural information,

wherein said marked-up document includes a plurality of minor structural mark-up elements that contain text, and said document production processor includes each said minor structural mark-up element in said generated user-requested document, said minor structural mark-up elements including one or more of words, characters, lines, and special paragraphs.

37. (New) A system for producing a document comprising:

a repository for storing marked-up documents in the form of XML files, each marked-up document having been obtained by marking up an unmarked-up document according to one or more mark-up schemas, and each marked-up document comprising explicit structural information corresponding to implicit structural information contained in said unmarked-up document;

a document format store for storing formats; and

a document production processor for generating a user-requested document from a user-requested one of said marked-up documents using a user-selected one of said stored formats, said generated user-requested document containing said implicit structural information,

wherein said document production processor:

creates an XSL:FO style sheet from an XML format file defining said user-selected format;

creates an XSL:FO file from the user-requested marked-up document and said XSL:FO style sheet, and

generates said user-requested document from said XSL:FO file.

38. (New) The system of claim 37, wherein said document production processor further:

receives the created XSL:FO file;

re-creates the XSL:FO style sheet from the XML format file depending on the received XSL:FO file; and

re-creates the XSL:FO file from the user-requested marked-up document and the re-created XSL:FO style sheet.

39. (New) A system for producing a document comprising:

a repository for storing marked-up documents in the form of XML files, each marked-up document having been obtained by marking up an unmarked-up document according to one or more mark-up schemas, and each marked-up document comprising explicit structural information corresponding to implicit structural information contained in said unmarked-up document;

a database for storing formats; and

a document production processor for generating a user-requested document from a user-requested one of said marked-up documents using a user-selected one of said stored formats, said generated user-requested document containing said implicit structural information,

wherein said document production processor:

creates an XSL:FO style sheet from the user-selected stored format;

creates an XSL:FO file from the user-requested marked-up document and said XSL:FO style sheet, and

generates said user-requested document from said XSL:FO file.

40. (New) The system of claim 39, wherein said document production processor further:

receives the created XSL:FO file;

re-creates the XSL:FO style sheet from user-selected stored format depending on the received XSL:FO file; and

re-creates the XSL:FO file from the user-requested marked-up document and the re-created XSL:FO style sheet.